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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service in an envelope addressed to the "Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as follows:

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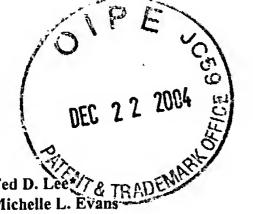
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P-17.144 SWRI ID # 2920 12-27-04

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EAPO9405P7.Anz

December 22, 2004

Mail Stop RESPONSE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RE: U.S. Patent Application Serial No. 10/619,456 filed July 16, 2003, entitled "High-Efficiency, Low Emission Gasoline Engines for Heavy-Duty Applications"

Dear Sir:

Enclosed please find the following items for filing on the above referenced patent application:

- 1. Supplement to "First Amendment
- 2. Certificate of Mailing; and
- 3. Acknowledgment Card

Please stamp the enclosed acknowledgment card with the date of receipt and return to my office.

Sincerely,

Ted D. Lee

Ich D'Lee frem

TDL/rem Enclosures

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Thomas William Ryan, III, et al.

ATTY DKT NO.: P-17.144

SERIAL NO.: 10/619456

GROUP ART UNIT: 3747

FILED: July 16, 2003

EXAMINER: Erick R. Solis

TITLE: High-Efficiency, Low Emission Gasoline

Engines for Heavy-Duty Applications

TO: Mail Stop: RESPONSE/NO FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, Va 22313-1450

SUPPLEMENT TO "FIRST AMENDMENT"

Dear Sir:

This is a supplement to the "First Amendment" mailed to the Patent Office on November 4, 2004.